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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/575,858

02/15/2007

Sang Ryul Lee

HI-0276

6869

34610

7590

08/02/2010

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EXAMINER

VAN, QUANG T

ART UNIT

PAPER NUMBER

3742

MAIL DATE

DELIVERY MODE

08/02/2010

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/575,858	Applicant(s) LEE, SANG RYUL	
	Examiner Quang T. Van	Art Unit 3742	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1,5-7 and 9-20 is/are rejected.
- 7) ☒ Claim(s) 2-4 and 8 is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 14 April 2006 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>9/4/07&6/24/09</u> . | 6) <input type="checkbox"/> Other: ____. |

Priority

1. Applicant cannot rely upon the foreign priority papers to overcome this rejection because a translation of said papers has not been made of record in accordance with 37 CFR 1.55. See MPEP § 201.15.
- 2.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

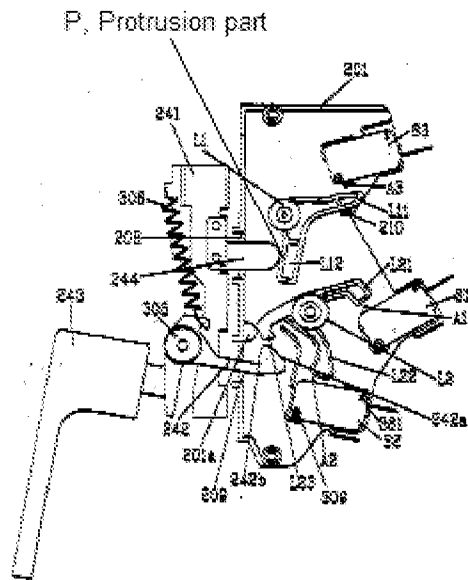
(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1, 5-7, 9-12 are rejected under 35 U.S.C. 102(e) as being anticipated by Lee et al (US 2004/0182856). Lee discloses, figures 2-3, door assembly for microwave with oven comprising a cavity (20) into which food is loaded; a door (14) for opening/closing a front side of the cavity; at least one latch (142) formed at an inner side of the door (14); a latch board (101) for supporting the latches when the latch is inserted therein; a monitor switch (S3) and a circuit switch (S1, S2), provided on the latch board (101), for performing on/off operation to control the microwave oven; a first lever (L2) having one end contacting with the monitor switch (Par. 0022) and the other end contacting with the latch, the first lever (L2) rotating to turn on/off the monitor

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switch; a second lever (L1) having one end contacting with the circuit switch (S2) and the other end contacting with the latch (142a), the second lever (L1) rotating to turn on/off the circuit switch; and a protrusion part (P1, Figure below) formed at a periphery of the first lever (L2) and protruded from a portion with which the latch (142) comes in contact, such that if the latch is inserted, the monitor switch (S3) operates before the circuit switch (S1), and if the latch is released, the monitor switch (S3) operates after the circuit switch (S1).

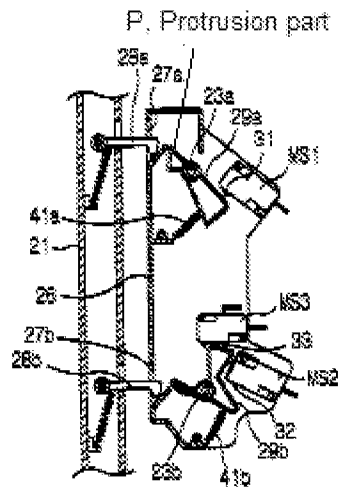
5. For this set of Claims 12-20 are rejected under 35 U.S.C. 102(e) as being anticipated by Lee et al (US 2004/0182856). Lee discloses, figures 6-8, a monitor switch (S3) including a monitor button (A3) operated by a first lever (L1), an internal contact point of the monitor switch being on/off by the monitor button (A3); a circuit switch (S2) including a circuit button (A2) operated by a second lever (L2), an internal contact point of the circuit switch (S1) being on/off by the circuit button (A1); a first lever hinge for hingedly fixing the first lever (L1); a second lever hinge for hingedly fixing the second lever (L2); and a protrusion part (P, figure below) protruded from one side of the first lever (L1) in an inserting direction of a latch (244).



The applied reference has a common assignee with the instant application. Based upon the earlier effective U.S. filing date of the reference, it constitutes prior art under 35 U.S.C. 102(e). This rejection under 35 U.S.C. 102(e) might be overcome either by a showing under 37 CFR 1.132 that any invention disclosed but not claimed in the reference was derived from the inventor of this application and is thus not the invention "by another," or by an appropriate showing under 37 CFR 1.131.

6. Claims 12-15 are rejected under 35 U.S.C. 102(a) as being anticipated by Kim et al (US 6,521,875). Kim discloses, figure 2, microwave oven having conducting member comprising a monitor switch (MS1) including a monitor button (31) operated by a first lever (29a), an internal contact point of the monitor switch being on/off by the monitor button (31); a circuit switch (MS2) including a circuit button (32) operated by a second lever (29b), an internal contact point of the circuit switch (MS3) being on/off by the circuit button (33); a first lever hinge for hingedly fixing the first lever (29a); a second

lever hinge for hingedly fixing the second lever (29b); and a protrusion part (P, figure below) protruded from one side of the first lever (29a) in an inserting direction of a latch (28a).



7. Claims 2-4 and 8 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.
8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Quang T. Van whose telephone number is 571-272-4789. The examiner can normally be reached on 8:00Am 5:00Pm M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tu Hoang can be reached on 571-272-4780. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Quang T Van/
Primary Examiner, Art Unit 3742
July 28, 2010

Quang T Van
Primary Examiner
Art Unit 3742